

2012 KENTUCKY ASTHMA PROGRAM FACT SHEET: KENTUCKY RIVER AREA DEVELOPMENT DISTRICT

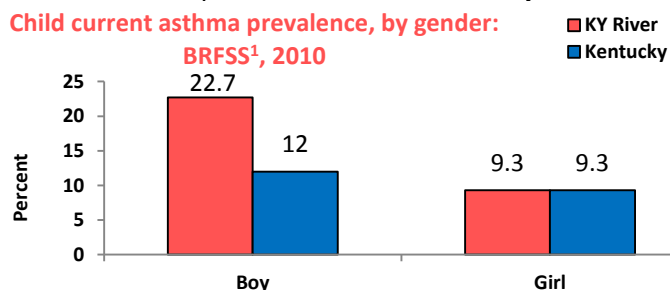
- The Kentucky River District of Kentucky is comprised of 8 counties: Wolfe, Owsley, Lee, Breathitt, Leslie, Perry, Knott, and Letcher.
- The 2011 Kentucky River District population was roughly 114,500. About 25,100 persons were younger than 18 (children), and about 89,300 were 18 or older (adults).



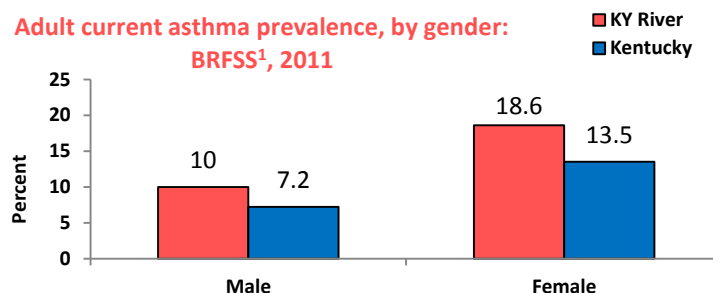
PREVALENCE

- In 2010, an estimated 4,000 children (16.1%) in the Kentucky River District currently had asthma, compared to 10.7% for Kentucky and 8.4% for the United States.¹ In 2011, an estimated 12,900 adults (14.4%) in this district currently had asthma, compared to 10.4% for Kentucky and 9.1% for the United States.¹

Child current asthma prevalence, by gender:



Adult current asthma prevalence, by gender:

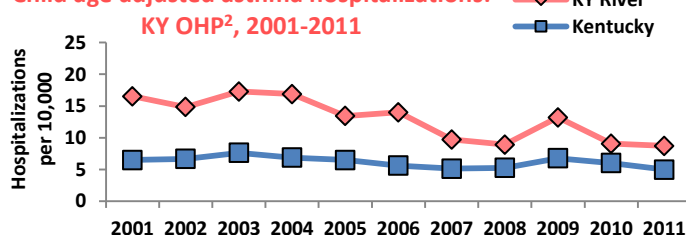


- In 2010, child current asthma prevalence rate was higher in boys than girls in the Kentucky River District. In 2011, adult current asthma prevalence rate was higher in both males and females in this district compared to the state. (NOTE: BRFSS 2010 data cannot be compared to BRFSS 2011 data because of change in methodology).

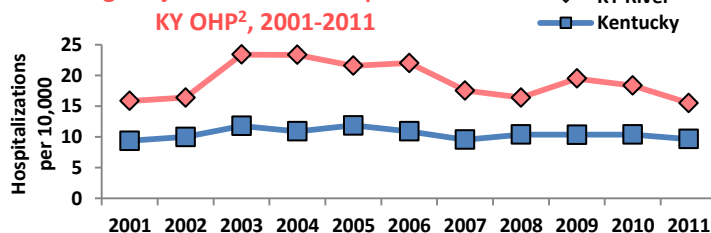
HOSPITALIZATIONS

- In 2011, the age-adjusted hospitalization rate for children was 8.7/10,000 persons compared to the Kentucky rate of 4.9/10,000 persons; while the age-adjusted hospitalization rate for adults was 15.5/10,000 persons compared to the Kentucky rate of 9.7/10,000 persons.

Child age adjusted asthma hospitalizations:



Adult age adjusted asthma hospitalizations:



- Child and adult asthma hospitalizations have been higher in Kentucky River District compared to the state, and since 2009 child asthma hospitalizations have gradually declined. Between 2001 and 2011, the Kentucky River District averaged 16.0 asthma hospitalizations/10,000 persons/year, while Kentucky averaged 8.3 asthma hospitalizations/10,000 persons/year over the same 11 year period.²

EMERGENCY DEPARTMENT VISITS

- In 2011, the asthma Emergency Department (ED) visits for children were 2.3/1,000 persons, compared to the state rate of 1.9/1,000 persons³ and for adults were 2.3/1,000 persons compared to the state rate of 2.5/1,000 persons.³

MORTALITY

- Between 2001 and 2010, the average age-adjusted asthma deaths were 1.56 /100,000 persons/year in this district compared to 1.10/100,000 persons/year for Kentucky.⁴ In 2010, crude asthma death rates for Kentucky were 1.01/100,000 persons⁴ compared to the US crude death rate of 1.1/100,000 persons.⁵

NOTES:

1. Behavioral Risk Factor Surveillance System (BRFSS).

3. OHP: Preliminary data 2011.

5. CDC Wonder data: <http://wonder.cdc.gov/ucd-icd10.html>

2. Kentucky, Office of Health Policy (OHP), 2001-2011.

4. Office of Vital Statistics, Kentucky, 2001-2010.

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